

Study Number: I10482B
Test Type: TOX
Route: Dosing in Feed
Species/Strain: Rat/Harlan Sprague Dawley

I08: Mean Test Compound Consumption
Test Compound: N-Butylbenzenesulfonamide
CAS Number: 3622-84-2

Date Report Requested: 08/17/2022
Time Report Requested: 12:10:54
Lab: Burleson Research Technologies

Study Number: I10482B
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.4.2
Stat Version: v2.9.1A

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F0 Females

Treatment Groups (ppm)

Phase	Days	0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Gestation	6 - 9	0.0 ± 0.0	30	17.5 ± 0.3	29	33.8 ± 0.5	30	65.4 ± 1.3	29
	9 - 12	0.0 ± 0.0	30	18.5 ± 0.7	29	34.1 ± 0.5	30	67.2 ± 0.7	29
	12 - 15	0.0 ± 0.0	30	17.1 ± 0.2	29	32.4 ± 0.4	30	66.3 ± 1.0	29
	15 - 18	0.0 ± 0.0	30	17.3 ± 0.2	29	33.4 ± 0.4	30	66.7 ± 0.8	29
	18 - 21	0.0 ± 0.0	30	16.0 ± 0.2	29	31.4 ± 0.3	30	64.0 ± 0.7	29
	6 - 21	0.0 ± 0.0	30	17.0 ± 0.2	29	32.6 ± 0.3	30	65.1 ± 0.6	29
Lactation	1 - 4	0.0 ± 0.0	30	28.7 ± 0.5	29	56.3 ± 1.9	30	108.5 ± 2.3	29
	4 - 7	0.0 ± 0.0	30	34.3 ± 0.4	29	64.5 ± 0.9	30	135.3 ± 1.9	29
	7 - 14	0.0 ± 0.0	30	41.8 ± 1.0	29	80.1 ± 1.0	30	168.8 ± 2.1	29
	14 - 21	0.0 ± 0.0	30	57.4 ± 0.8	29	108.7 ± 1.6	30	222.2 ± 3.2	29
	21 - 28	0.0 ± 0.0	30	90.9 ± 1.6	28	176.6 ± 2.1	30	358.8 ± 8.0	29
	1 - 28	0.0 ± 0.0	30	56.0 ± 0.7	29	108.1 ± 1.0	30	222.0 ± 2.9	29

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F1 Males: SRBC

Treatment Groups (ppm)

Phase	Days	0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	32.1 ± 0.4	12	62.3 ± 1.0	12	121.9 ± 1.5	12
	7 - 14	0.0 ± 0.0	12	29.7 ± 0.3	12	59.0 ± 0.9	12	116.7 ± 1.3	12
	14 - 21	0.0 ± 0.0	12	26.0 ± 0.4	12	55.3 ± 0.7	10	102.3 ± 1.0	12
	21 - 28	0.0 ± 0.0	12	22.7 ± 0.3	12	48.1 ± 0.7	12	90.8 ± 1.0	12
	28 - 35	0.0 ± 0.0	12	20.7 ± 0.4	12	43.6 ± 0.7	12	81.6 ± 0.8	12
	35 - 42	0.0 ± 0.0	12	19.3 ± 0.4	12	40.1 ± 0.7	12	73.8 ± 0.9	12
	42 - 49	0.0 ± 0.0	12	18.6 ± 0.3	12	39.1 ± 0.9	12	70.5 ± 0.9	12

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F1 Females: SRBC

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	30.0 ± 0.5	12	59.3 ± 0.6	12	117.5 ± 1.6	12
	7 - 14	0.0 ± 0.0	12	26.7 ± 0.4	12	53.7 ± 0.6	12	110.4 ± 2.4	11
	14 - 21	0.0 ± 0.0	12	25.4 ± 0.7	12	53.9 ± 1.5	12	103.3 ± 2.4	11
	21 - 28	0.0 ± 0.0	12	23.2 ± 0.5	12	47.4 ± 0.9	12	87.7 ± 2.0	11
	28 - 35	0.0 ± 0.0	12	21.0 ± 0.3	12	43.6 ± 0.8	12	85.8 ± 2.4	11
	35 - 42	0.0 ± 0.0	12	18.9 ± 0.3	12	39.1 ± 0.6	12	79.7 ± 2.9	11
	42 - 49	0.0 ± 0.0	3	19.2 ± 0.3	12	39.6 ± 0.7	12	79.6 ± 2.2	11

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F1 Males: KLH

Treatment Groups (ppm)

Phase	Days	0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	31.9 ± 0.6	12	69.1 ± 1.3	12	131.8 ± 1.9	12
	7 - 14	0.0 ± 0.0	12	32.0 ± 0.6	12	65.8 ± 0.9	12	134.1 ± 3.3	12
	14 - 21	0.0 ± 0.0	12	29.1 ± 0.6	12	58.9 ± 0.8	12	117.8 ± 2.8	12
	21 - 28	0.0 ± 0.0	12	25.5 ± 0.5	12	50.2 ± 0.7	12	101.3 ± 2.0	12
	28 - 35	0.0 ± 0.0	12	22.9 ± 0.5	12	40.4 ± 3.1	12	91.1 ± 1.7	12
	35 - 42	0.0 ± 0.0	12	20.9 ± 0.3	12	42.1 ± 0.7	12	83.0 ± 1.9	10
	42 - 49	0.0 ± 0.0	12	18.8 ± 0.3	12	37.1 ± 0.6	12	74.9 ± 1.7	12
	49 - 56	0.0 ± 0.0	12	18.2 ± 0.3	12	35.2 ± 0.6	12	68.5 ± 1.2	12
	56 - 63	0.0 ± 0.0	12	16.0 ± 0.2	12	32.0 ± 0.6	12	63.1 ± 1.4	12
	63 - 70	0.0 ± 0.0	12	15.3 ± 0.3	12	30.9 ± 0.6	12	62.3 ± 1.3	12

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F1 Females: KLH

Treatment Groups (ppm)

Phase	Days	0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	30.6 ± 0.8	12	62.7 ± 1.1	12	128.2 ± 1.6	12
	7 - 14	0.0 ± 0.0	12	30.1 ± 0.9	12	61.4 ± 0.9	12	126.2 ± 1.9	12
	14 - 21	0.0 ± 0.0	12	29.4 ± 1.1	12	55.4 ± 1.1	12	119.1 ± 3.4	12
	21 - 28	0.0 ± 0.0	12	25.4 ± 0.7	12	51.5 ± 1.4	12	106.3 ± 2.2	12
	28 - 35	0.0 ± 0.0	12	22.4 ± 0.6	12	46.2 ± 1.1	12	100.3 ± 3.3	12
	35 - 42	0.0 ± 0.0	12	20.9 ± 0.5	12	42.1 ± 0.9	12	89.6 ± 3.1	12
	42 - 49	0.0 ± 0.0	12	19.5 ± 0.4	12	39.2 ± 0.8	12	85.5 ± 3.0	12
	49 - 56	0.0 ± 0.0	12	17.7 ± 0.4	12	37.0 ± 0.8	12	81.5 ± 3.2	12
	56 - 63	0.0 ± 0.0	12	16.2 ± 0.4	12	33.6 ± 0.7	12	72.6 ± 2.6	12

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F1 Males: Immunophenotyping

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	32.0 ± 0.5	12	67.8 ± 1.0	12	137.0 ± 5.6	12
	7 - 14	0.0 ± 0.0	12	32.5 ± 0.8	12	64.9 ± 0.8	12	130.4 ± 3.4	12
	14 - 21	0.0 ± 0.0	12	29.4 ± 0.6	12	58.9 ± 0.7	11	117.2 ± 2.4	12
	21 - 28	0.0 ± 0.0	12	25.0 ± 0.4	12	51.0 ± 0.9	11	100.0 ± 2.0	12
	28 - 35	0.0 ± 0.0	12	22.3 ± 0.5	12	46.2 ± 0.7	11	91.0 ± 1.3	12
	35 - 42	0.0 ± 0.0	12	20.8 ± 0.4	12	41.9 ± 0.8	11	83.5 ± 1.1	12
	42 - 49	0.0 ± 0.0	12	18.7 ± 0.3	12	38.0 ± 0.7	11	74.9 ± 1.0	12
	49 - 56	0.0 ± 0.0	12	17.5 ± 0.3	12	36.3 ± 0.7	11	70.8 ± 0.7	12

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F1 Females: Immunophenotyping

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	30.8 ± 0.5	12	65.3 ± 0.9	12	133.3 ± 1.8	12
	7 - 14	0.0 ± 0.0	12	29.3 ± 0.4	12	61.1 ± 0.5	12	125.6 ± 1.7	12
	14 - 21	0.0 ± 0.0	12	29.0 ± 0.8	12	55.7 ± 1.0	12	116.5 ± 2.7	12
	21 - 28	0.0 ± 0.0	12	25.9 ± 0.5	12	50.5 ± 1.2	12	108.1 ± 3.2	12
	28 - 35	0.0 ± 0.0	12	22.6 ± 0.4	12	45.5 ± 0.7	12	94.9 ± 2.2	12
	35 - 42	0.0 ± 0.0	12	21.0 ± 0.4	12	41.9 ± 0.5	12	86.1 ± 1.6	12
	42 - 49	0.0 ± 0.0	12	19.6 ± 0.3	12	38.0 ± 0.6	12	75.6 ± 0.9	12

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F1 Males: CTL

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	33.0 ± 0.7	12	63.3 ± 0.9	12	129.1 ± 1.6	12
	7 - 14	0.0 ± 0.0	12	29.4 ± 0.4	11	58.3 ± 0.7	12	121.3 ± 1.0	12
	14 - 21	0.0 ± 0.0	12	26.6 ± 0.5	11	52.3 ± 0.6	12	109.9 ± 1.3	12
	21 - 28	0.0 ± 0.0	12	23.4 ± 0.4	11	47.7 ± 0.7	12	98.3 ± 1.1	12
	28 - 35	0.0 ± 0.0	12	20.9 ± 0.4	11	43.0 ± 0.6	12	89.4 ± 0.9	12
	35 - 42	0.0 ± 0.0	12	19.6 ± 0.5	11	39.8 ± 0.9	12	80.6 ± 0.8	12
	42 - 49	0.0 ± 0.0	12	18.9 ± 0.3	11	38.4 ± 0.8	12	78.8 ± 1.8	12
	49 - 56	0.0 ± 0.0	12	15.2 ± 0.3	11	30.2 ± 0.6	12	62.0 ± 2.2	12

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F1 Females: CTL

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	30.2 ± 0.6	12	65.8 ± 1.5	12	126.6 ± 2.5	12
	7 - 14	0.0 ± 0.0	12	27.0 ± 0.4	12	55.4 ± 0.6	12	114.8 ± 2.0	12
	14 - 21	0.0 ± 0.0	12	25.6 ± 0.4	12	53.8 ± 2.1	12	102.8 ± 1.7	12
	21 - 28	0.0 ± 0.0	12	22.9 ± 0.5	12	44.3 ± 0.7	12	91.9 ± 1.4	12
	28 - 35	0.0 ± 0.0	12	21.7 ± 0.5	12	44.0 ± 0.8	12	84.0 ± 2.0	12
	35 - 42	0.0 ± 0.0	9	19.8 ± 0.3	12	39.4 ± 0.7	12	80.9 ± 2.0	12
	42 - 49	0.0 ± 0.0	12	18.9 ± 0.3	12	37.1 ± 0.8	12	75.0 ± 2.0	12

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F1 Males: Immunopathology

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	30.9 ± 0.8	11	65.8 ± 1.0	12	128.1 ± 2.0	12
	7 - 14	0.0 ± 0.0	12	32.6 ± 0.5	11	63.3 ± 0.8	12	132.7 ± 4.0	12
	14 - 21	0.0 ± 0.0	12	29.4 ± 0.5	11	56.2 ± 0.7	12	120.0 ± 2.4	12
	21 - 28	0.0 ± 0.0	12	25.1 ± 0.5	11	48.8 ± 0.7	12	100.7 ± 1.8	12
	28 - 35	0.0 ± 0.0	12	23.2 ± 0.3	11	44.8 ± 0.8	12	91.9 ± 1.9	12
	35 - 42	0.0 ± 0.0	12	21.1 ± 0.3	11	40.4 ± 0.8	12	85.0 ± 2.4	12
	42 - 49	0.0 ± 0.0	12	19.2 ± 0.3	11	36.9 ± 0.7	12	75.7 ± 1.6	12
	49 - 56	0.0 ± 0.0	12	17.4 ± 0.3	11	35.0 ± 0.5	12	69.5 ± 1.0	12

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F1 Females: Immunopathology

Phase	Days	Treatment Groups (ppm)							
		0		250		500		1000	
		Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N	Dose/Day (mg/kg/day)	N
Study	0 - 7	0.0 ± 0.0	12	31.4 ± 0.7	12	64.1 ± 1.4	12	127.1 ± 1.8	12
	7 - 14	0.0 ± 0.0	12	29.6 ± 0.4	12	60.7 ± 0.9	12	117.0 ± 1.4	12
	14 - 21	0.0 ± 0.0	12	27.8 ± 0.3	12	54.1 ± 1.2	12	107.6 ± 1.4	12
	21 - 28	0.0 ± 0.0	12	25.0 ± 0.3	12	49.4 ± 1.4	12	101.5 ± 1.7	12
	28 - 35	0.0 ± 0.0	12	22.6 ± 0.3	12	43.7 ± 0.7	12	89.8 ± 1.3	12
	35 - 42	0.0 ± 0.0	12	21.7 ± 0.5	12	40.6 ± 0.6	12	85.6 ± 1.5	12
	42 - 49	0.0 ± 0.0	12	19.9 ± 0.4	12	35.8 ± 0.5	12	75.3 ± 1.7	12

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LEGEND

Data are displayed as mean \pm SEM

Chemical intake values were excluded when excessive spillage was recorded.

Statistical analysis was not performed on this data.

Consumption is not reported for the non-pregnant animals during gestation and lactation phases

**** END OF REPORT ****